

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	64510	"455"/\$.CCLS.	USPAT	OR	OFF	2008/11/24 00:58
L2	21851	"343"/\$.CCLS.	USPAT	OR	OFF	2008/11/24 00:58
L3	84145	L1 OR L2	USPAT	OR	OFF	2008/11/24 00:58
L4	28814	L3 AND ANTENNA AND (WIRE MEMORY DEVICE) AND (PORTABLE OR MOBILE DEVICE)	USPAT	OR	OFF	2008/11/24 00:58
L5	1319	L4 AND (MEMORY ADJ DEVICE) AND ANTENNA	USPAT	OR	OFF	2008/11/24 00:58
L6	1103	L5 AND (MEMORY ADJ DEVICE) AND ANTENNA AND (PORTABLE PHONE OR MOBILE PHONE)	USPAT	OR	OFF	2008/11/24 00:58
L7	1319	L4 AND (MEMORY ADJ DEVICE) AND ANTENNA	USPAT	OR	OFF	2008/11/24 00:58
L8	12518	((455/575.7) or (455/80) or (455/277.1) or (455/277.2) or (455/129) or (343/895) or (343/702) or (343/713) or (343/703) or (343/715) or (342/357.1)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:01
L11	139	8 AND ANTENNA AND (PORTABLE ADJ DEVICE) AND (MEMORY DEVICE) AND (ANTENNA IMPEDANCE)	USPAT	OR	OFF	2008/11/24 01:04
L12	12	11 AND MEMORY AND ANTENNA AND IMPEDANCE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:05

S1	48	(("5311201") or ("6252544") or ("6429812") or ("5521608") or ("4479246") or ("4772895") or ("4496953") or ("5274393") or ("5844525") or ("5894292") or ("6047199") or ("6088337") or ("6211732") or ("6211732") or ("5808586") or ("5233363") or ("4829591") or ("5353039") or ("5453756") or ("5794145") or ("5841405") or ("5859854") or ("6437756") or ("6477359") or ("4975953") or ("5619213") or ("4278979") or ("5542106") or ("5557287") or ("5574987") or ("5710984") or ("5758271") or ("5825330") or ("5883921") or ("5929825") or ("4972275") or ("5987037") or ("5189435") or ("5604507") or ("5812296") or ("6091374") or ("6140970") or ("4065092") or ("4131897") or ("4254420") or ("4321603") or ("4329691") or ("4361905") or ("4370658") or ("4388723).pn.")).PN.	USPAT	OR	OFF	2006/12/10 21:43
S2	54785	"455"/\$.CCLS.	USPAT	OR	OFF	2006/12/10 21:44
S3	20007	"343"/\$.CCLS.	USPAT	OR	OFF	2006/12/10 21:44

S4	72772	S2 OR S3	USPAT	OR	OFF	2006/12/10 21:44
S5	23474	S4 AND ANTENNA AND (WIRE MEMORY DEVICE) AND (PORTABLE OR MOBILE DEVICE)	USPAT	OR	OFF	2006/12/10 21:46
S6	929	S5 AND (MEMORY ADJ DEVICE) AND ANTENNA	USPAT	OR	OFF	2006/12/10 21:46
S7	7	S6 AND RADIO AND (ANTENNA ADJ INTERFACE) AND MEMORY	USPAT	OR	OFF	2006/12/10 21:56
S9	6	S6 AND (ANTENNA ADJ INTERFACE) AND (ERROR MESSAGE)	USPAT	OR	OFF	2006/12/10 22:13
S10	751	S6 AND (MEMORY ADJ DEVICE) AND ANTENNA AND (PORTABLE PHONE OR MOBILE PHONE)	USPAT	OR	OFF	2006/12/10 22:00
S11	171	S10 AND (MOBILE ADJ PHONE) AND (MEMORY ADJ DEVICE)	USPAT	OR	OFF	2006/12/10 22:00
S12	171	S11 AND (WIRE MEMORY DEVICE) AND ANTENNA AND MEMORY	USPAT	OR	OFF	2006/12/10 22:01
S14	4	S12 AND (ERROR NEAR MESSAGE) AND (ALTER OR CHANGE FREQUENCY)	USPAT	OR	OFF	2006/12/10 22:03
S15	5	"6140970"	USPAT	OR	OFF	2006/12/10 23:33
S16	3	"6771980"	USPAT	OR	OFF	2006/12/10 23:34
S17	4	"6408188"	USPAT	OR	OFF	2006/12/11 00:55
S18	5	"6140970"	USPAT	OR	OFF	2007/04/03 21:53
S19	14	"5825330"	USPAT	OR	OFF	2007/04/06 22:00
S20	5	"6140970"	USPAT	OR	OFF	2007/04/06 22:01
S21	5	"6408188"	USPAT	OR	OFF	2007/04/11 20:38

S22	48	("5311201" "6088337" "6211732" "6211732" "6252544" "6429812" "20050049020" "4479246" "5619213" "5808586" "4278979" "4361905" "4496953" "4755822" "4772895" "4829591" "4984296" "5233363" "5274393" "5353039" "5363402" "5453756" "5486836" "5521608" "5542106" "5557287" "5574964" "5574987" "5577269" "5706019" "5710984" "5751250" "5758271" "5794145" "5805113" "5812098" "5825330" "5841405" "5844525" "5859854" "5883921" "5894292" "5929825" "6016124" "6047199" "6134422" "6141536" "6246377" "6405018" "6437756" ).pn.	USPAT	OR	OFF	2007/06/08 18:36
S23	57381	"455"/\$.CQLS.	USPAT	OR	OFF	2007/06/09 03:06
S24	20500	"343"/\$.CQLS.	USPAT	OR	OFF	2007/06/09 03:06
S25	75809	S23 OR S24	USPAT	OR	OFF	2007/06/09 03:06
S26	24876	S25 AND ANTENNA AND (WIRE MEMORY DEVICE) AND (PORTABLE OR MOBILE DEVICE)	USPAT	OR	OFF	2007/06/09 03:06
S27	1041	S26 AND (MEMORY ADJ DEVICE) AND ANTENNA	USPAT	OR	OFF	2007/06/09 03:06
S28	854	S27 AND (MEMORY ADJ DEVICE) AND ANTENNA AND (PORTABLE PHONE OR MOBILE PHONE)	USPAT	OR	OFF	2007/06/09 03:06
S29	220	S28 AND (MOBILE ADJ PHONE) AND (MEMORY ADJ DEVICE)	USPAT	OR	OFF	2007/09/30 04:34

S30	1331	S26 AND (ANTENNA INTERFACE) AND (SINGLE WIRE DEVICE) AND (SINGLE WIRE MEMORY) AND EEPROM	USPAT	OR	OFF	2007/06/09 03:17
S32	1022	S30 AND (MEMORY DEVICE) AND PROGRAM\$3 AND ANTENNA AND (IDENTIFY\$3 ANTENNA) AND EEPROM	USPAT	OR	OFF	2007/06/09 03:21
S33	1	S32 AND (ANTENNA ADJ CONNECTOR) AND (MOBILE ADJ PHONE)	USPAT	OR	OFF	2007/06/09 03:24
S35	57381	"455"/\$.CCL\$.	USPAT	OR	OFF	2007/06/10 23:08
S36	20500	"343"/\$.CCL\$.	USPAT	OR	OFF	2007/06/10 23:08
S37	75809	S35 OR S36	USPAT	OR	OFF	2007/06/10 23:08
S38	24876	S37 AND ANTENNA AND (WIRE MEMORY DEVICE) AND (PORTABLE OR MOBILE DEVICE)	USPAT	OR	OFF	2007/06/10 23:08
S39	1331	S38 AND (ANTENNA INTERFACE) AND (SINGLE WIRE DEVICE) AND (SINGLE WIRE MEMORY) AND EEPROM	USPAT	OR	OFF	2007/06/10 23:08
S40	1022	S39 AND (MEMORY DEVICE) AND PROGRAM\$3 AND ANTENNA AND (IDENTIFY\$3 ANTENNA) AND EEPROM	USPAT	OR	OFF	2007/06/10 23:08
S41	9	S40 AND (ANTENNA ADJ INTERFACE) AND RADIO AND (MOBILE PHONE) AND MEMORY AND EEPROM	USPAT	OR	OFF	2007/06/10 23:08
S42	10	S39 AND (ANTENNA ADJ INTERFACE) AND (WIRE MEMORY) AND (MOBILE PHONE)	USPAT	OR	OFF	2007/06/10 23:10
S43	57381	"455"/\$.CCL\$.	USPAT	OR	OFF	2007/06/10 23:12

S44	20500	"343"/\$.CQLS.	USPAT	OR	OFF	2007/06/10 23:56
S45	75809	S43 OR S44	USPAT	OR	OFF	2007/06/10 23:38
S46	24876	S45 AND ANTENNA AND (WIRE MEMORY DEVICE) AND (PORTABLE OR MOBILE DEVICE)	USPAT	OR	OFF	2007/06/10 23:12
S47	1041	S46 AND (MEMORY ADJ DEVICE) AND ANTENNA	USPAT	OR	OFF	2007/06/10 23:12
S48	854	S47 AND (MEMORY ADJ DEVICE) AND ANTENNA AND (PORTABLE PHONE OR MOBILE PHONE)	USPAT	OR	OFF	2007/06/10 23:12
S49	220	S48 AND (MOBILE ADJ PHONE) AND (MEMORY ADJ DEVICE)	USPAT	OR	OFF	2007/06/10 23:12
S50	220	S49 AND (WIRE MEMORY DEVICE) AND ANTENNA AND MEMORY	USPAT	OR	OFF	2007/06/10 23:12
S51	3	S50 AND (ERROR NEAR MESSAGE) AND (ALTER OR CHANGE FREQUENCY)	USPAT	OR	OFF	2007/06/10 23:12
S52	220	S48 AND (MOBILE ADJ PHONE) AND (MEMORY ADJ DEVICE)	USPAT	OR	OFF	2007/06/10 23:17
S53	854	S47 AND (MEMORY ADJ DEVICE) AND ANTENNA AND (PORTABLE PHONE OR MOBILE PHONE)	USPAT	OR	OFF	2007/06/10 23:37
S54	86	S45 AND ANTENNA AND (PORTABLE ADJ TELEPHONE) AND MEMORY AND EEPROM AND (ANTENNA PARAMETERS) AND (MEMORY DEVICE PROGRAM) AND PROGRAM\$3	USPAT	OR	OFF	2007/06/10 23:50
S55	16	S54 AND (COAXIAL ANTENNA) AND (COAXIAL CONNECTOR) AND (WIRE MEMORY) AND (COAXIAL INTERFACE)	USPAT	OR	OFF	2007/06/10 23:43

S57	21	S53 AND ANTENNA AND (PORTABLE ADJ PHONE)	USPAT	OR	OFF	2007/06/10 23:53
S59	6	S44 AND (ANTENNA ADJ DEVICE) AND MEMORY AND (PORTABLE ADJ DEVICE) AND (ANTENNA PARAMETERS)	USPAT	OR	OFF	2007/06/11 00:06
S60	134	S44 AND (ANTENNA ADJ PARAMETERS) AND ANTENNA	USPAT	OR	OFF	2007/06/11 00:22
S61	5	S60 AND (PORTABLE ADJ DEVICE)	USPAT	OR	OFF	2007/06/11 00:07
S62	1	"7058434"	USPAT	OR	OFF	2007/06/11 00:23
S63	13	(("20010054979"   "20020002037"   "20020117543"   "20050107043"   "4641366"   "5313218"   "5317293"   "6034636"   "6229485"   "6456248"   "6624789"   "6753815"   "6894650").PN. OR ("7058434").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/11 00:40
S64	2	"7038626"	USPAT	OR	OFF	2007/06/11 00:42
S65	2	"6788270"	USPAT	OR	OFF	2007/06/11 00:43
S66	58832	"455"/\$.CQLS.	USPAT	OR	OFF	2007/09/30 04:32
S67	20765	"343"/\$.CQLS.	USPAT	OR	OFF	2007/09/30 04:32
S68	77490	S66 OR S67	USPAT	OR	OFF	2007/09/30 04:32
S69	25706	S68 AND ANTENNA AND (WIRE MEMORY DEVICE) AND (PORTABLE OR MOBILE DEVICE)	USPAT	OR	OFF	2007/09/30 04:32
S70	1093	S69 AND (MEMORY ADJ DEVICE) AND ANTENNA	USPAT	OR	OFF	2007/09/30 04:32
S71	1093	S69 AND (MEMORY ADJ DEVICE) AND ANTENNA	USPAT	OR	OFF	2007/09/30 04:34

S72	898	S70 AND (MEMORY ADJ DEVICE) AND ANTENNA AND (PORTABLE PHONE OR MOBILE PHONE)	USPAT	OR	OFF	2007/09/30 04:38
S73	237	S72 AND (MOBILE ADJ PHONE) AND (MEMORY ADJ DEVICE)	USPAT	OR	OFF	2007/09/30 04:48
S74	58832	"455"/\$.CQLS.	USPAT	OR	OFF	2007/09/30 04:35
S75	20765	"343"/\$.CQLS.	USPAT	OR	OFF	2007/09/30 04:35
S76	77490	S74 OR S75	USPAT	OR	OFF	2007/09/30 04:35
S77	25706	S76 AND ANTENNA AND (WIRE MEMORY DEVICE) AND (PORTABLE OR MOBILE DEVICE)	USPAT	OR	OFF	2007/09/30 04:35
S78	1392	S77 AND (ANTENNA INTERFACE) AND (SINGLE WIRE DEVICE) AND (SINGLE WIRE MEMORY) AND EEPROM	USPAT	OR	OFF	2007/09/30 04:35
S79	1068	S78 AND (MEMORY DEVICE) AND PROGRAM\$3 AND ANTENNA AND (IDENTIFY\$3 ANTENNA) AND EEPROM	USPAT	OR	OFF	2007/09/30 04:35
S80	1	S79 AND (COAXIAL ADJ CONNECTOR) AND (MOBILE ADJ PHONE) AND MEMORY	USPAT	OR	OFF	2007/09/30 04:35
S81	3	S72 and (antenna adj parameters) and (mobile adj phone) and antenna and memory	USPAT	OR	OFF	2007/09/30 04:40
S82	3	S72 and (antenna adj parameters) and (mobile adj phone) and memory	USPAT	OR	OFF	2007/09/30 04:41
S83	3	S72 and (antenna adj parameters) and (mobile adj phone) and (coaxial connector) and configure\$3	USPAT	OR	OFF	2007/09/30 04:41



S84	3	S73 and (antenna adj parameters) and (memory device) and configure\$3	USPAT	OR	OFF	2007/09/30 04:42
S85	237	S73 and antenna	USPAT	OR	OFF	2007/09/30 04:48
S86	8	S85 and (portable adj device)	USPAT	OR	OFF	2007/09/30 04:50
S87	326	S72 and (antenna parameters) and (memory device) and program\$3 and configure\$3	USPAT	OR	OFF	2007/09/30 04:54
S88	5	"229" and (antenna adj parameters)	USPAT	OR	OFF	2007/09/30 04:52
S89	71	S87 and (mobile adj phone) and antenna and memory	USPAT	OR	OFF	2007/09/30 04:55
S90	71	S89 and (antenna parameters) and memory and program \$3 and configure\$3	USPAT	OR	OFF	2007/09/30 05:14
S91	4	S90 and (antenna adj system) and (mobile phone)	USPAT	OR	OFF	2007/09/30 05:15
S92	12	S77 and (antenna adj system) and (portable adj device) and memory and configure \$3 and program\$3	USPAT	OR	OFF	2007/09/30 05:19
S93	3	S77 and (smart adj antenna) and (mobile adj phone) and (antenna parameters) and memory and configure\$3 and program\$3	USPAT	OR	OFF	2007/09/30 05:25
S94	0	S68 and (smart adj antenna) and (mobile adj phone) and (antenna adj parameters) and memory and configure \$3 and program\$3	USPAT	OR	OFF	2007/09/30 05:25
S95	3	S68 and (smart adj antenna) and (mobile adj phone) and (antenna parameters) and memory and configure\$3 and program\$3	USPAT	OR	OFF	2007/09/30 05:25

S96	3	S66 and (smart adj antenna) and (mobile adj phone) and (antenna parameters) and memory and configure\$3 and program\$3	USPAT	OR	OFF	2007/09/30 05:26
S97	40	S68 and (antenna adj system)and (smart antenna) and (mobile adj phone) and (antenna parameters) and memory and configure\$3 and program\$3	USPAT	OR	OFF	2007/09/30 05:28
S98	8	("20040227667"   "20050179605"   "5719794"   "6025813"   "6107975"   "6529169"   "6675033"   "6731246").PN. OR ("7190317").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/30 05:41
S99	9	"6025813"	USPAT	OR	OFF	2007/10/01 12:50
S100	4	"6456248"	USPAT	OR	OFF	2007/10/01 13:04
S101	39	"4641366"	USPAT	OR	OFF	2007/10/01 13:09
S102	21	"5794145"	USPAT	OR	OFF	2007/10/01 13:10
S103	1	"6980782"	USPAT	OR	OFF	2007/12/31 16:37
S104	10	"6486832"	USPAT	OR	OFF	2007/12/31 16:38
S105	3	"20040127247"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/05 18:56

11/24/08 1:06:08 AM

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